



THIRTY-THIRD ANNUAL REPORT

OF THE

WORCESTER STATE ASYLUM

 \mathbf{AT}

WORCESTER,

FOR THE

YEAR ENDING NOVEMBER 30, 1910.

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OFFICERS OF THE ASYLUM.

TRUSTEES.

CARRIE B. HARRINGTON,	, .			Worcester.
GEORGIE A. BACON,				Worcester.
SAMUEL B. WOODWARD,				Worcester.
GEORGE F. BLAKE,				Worcester.
LYMAN A. ELY,				Worcester.
THOMAS H. GAGE,				Worcester.
THOMAS RUSSELL,				Boston.

RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,	. Superintendent and Treasurer.
H. LOUIS STICK, M.D.,	. Assistant Physician.
ARTHUR E. PATTRELL, M.D.,	. Assistant Physician.
B. HENRY MASON, M.D., .	. Assistant Physician.
RANSOM A. GREENE, M.D., .	. Assistant Physician.
JONATHAN H. RANNEY, M.D.,	. Assistant Physician.
ABBIE S. FAY,	. Matron.

NONRESIDENT OFFICERS.

GEORGE L. CLARK, .					Examiner.
SUSIE G. WARREN, .					Clerk.
FREDERICK H. BAKER,	M.I) . ,			Pathologist.
FOREST A. SLATER, .					Engineer.



The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester State Hospital, having in charge the Worcester State Asylum, respectfully submit their thirtythird annual report of the asylum. The annexed reports of the superintendent and treasurer contain detailed statements as to the condition of the asylum.

Last year the daily average of patients cared for was 1,062.57, this year it has been 1,129.26, — an increase of nearly 67. As the asylum on Summer Street was long ago filled to its limit, this increase has been cared for at the Grafton colony, so that now the number of patients there equals those at the parent institution, and from now on the colony will be the greater of the two.

To provide for a proportion of the annual increase of the insane in the State we should have accommodations for 100 more patients. To care for these, two new buildings should be constructed, each with a capacity for 50 persons, — one for men and one for women. These would be for the quieter cases. The buildings would be constructed from the same plans as the two now in process of erection, and to build and furnish them the trustees ask for \$40,000.

With the increase in patients there must be a proportionate addition to the number of employees. To provide for these, a nurses' home capable of accommodating 50 female nurses is needed, and to erect and furnish this an appropriation of \$29,300 is asked for.

A new building is also needed at the railroad side track to serve as a storehouse and distributing center for the colony supplies. There is now no building suitable in size, construction or situation to care for the supplies which such a community as the colony requires. We ask for an appropriation of \$17,100 for such a building.

At the present time there is only one boiler at the Elms. This boiler cares for a group of buildings; and in case of accident, or

if it should be in need of serious repair, grave complications might arise. Another boiler should be added as a reserve, and for this we ask for an appropriation of \$2,000.

To supplement the medical work an equipment for hydrotherapeutic work is needed. To prepare the room, furnish and install the apparatus will require \$2,400.

All of the appropriations asked for are for the enlargement and betterment of the work at the Grafton colony. If they are granted the work of development will be greatly assisted.

The work authorized by the last Legislature is well along. The new dining building is in use, the water supply has been increased so that there has been no danger of a shortage this year, the filter beds completed and much miscellaneous work done.

Both institutions have been free from epidemic, and there has been very little serious illness.

In the resignation of Miss Frances M. Lincoln the trustees feel that they have sustained a great loss. For twenty-six years she has shown an unflagging interest in all that pertained to the welfare of the institution, and has given generously of her time and services.

Dr. Wood has also resigned during the year. During the thirtyfour years that he has been treasurer of the asylum he has given devoted and efficient service to the work.

Dr. H. L. Stick having gone abroad on leave of absence, and Dr. W. T. Bailey having resigned, Drs. R. A. Greene and J. H. Ranney have been appointed to positions on the official staff.

Again the trustees are glad to express the appreciation of the faithful services of the superintendent, officers and employees of the institution.

Respectfully submitted,

CARRIE B. HARRINGTON.
GEORGIE A. BACON.
SAMUEL B. WOODWARD.
GEORGE F. BLAKE.
LYMAN A. ELY.
THOMAS H. GAGE.
THOMAS RUSSELL.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester State Hospital, having in Charge the Worcester State Asylum.

I respectfully present, for your consideration, the thirty-third annual report of the superintendent of the Worcester State Asylum.

Oct. 1, 1910, there remained in this institution 1,128 patients, — 544 men and 584 women. There have been received, by transfer from other institutions and by return from visit, 66 persons, — 6 men and 60 women. From these figures it will be seen that during the year 550 men and 644 women - 1,194 cases - have been cared for at the asylum. Of the 6 men reported as admitted, 3 were readmissions, making the number of different persons under observation for the year 1.191. From this number 3 men and 4 women have been discharged to the care of relatives and friends. to re-enter the life of the community; 3 men and 10 women have been transferred to other institutions or to boarding out in families: 3 men escaped; 4 men and 3 women were allowed to go out on visit: 29 men and 34 women died. From these statements it will be seen that for various reasons 42 men and 51 women were dismissed during the year. On Sept. 30, 1910, there remained 508 men and 593 women, - 1,101 persons. Of the persons discharged, 2 women had so much improved as to be considered capable of self-support, if placed under favorable conditions; 2 men and 2 women were improved; 1 man, though not improved, was in such mental condition that he could be properly cared for by his friends. While the general average numbers of patients for the year were considerably in excess of those for the previous year, there were 27 less persons at the end than at the beginning of the year.

The general health of the institution has been good. The year has been marked by no serious amount of acute disease. While the number of our patients has been increasing very rapidly

during the past few years, the mortality ratio has been decreasing. For some years the death rate in this institution has been very low, considering the character of its inmates. I have repeatedly predicted that a higher mortality must sooner or later follow. An analysis of the asylum death rate for thirty-three years shows a slight increase for the first two decades and a somewhat marked general average decline for the remaining period. Owing to the discouraging mental condition of the vast majority of the asylum inmates, the chief source of the diminution in numbers must come from death. With this factor a diminishing ratio, there must be a corresponding accumulation of cases. The greater number of the insane of the Commonwealth is of the chronic class. our patients are received by transfer from other institutions there is no good reason for supposing that they are, as a class, more tractable or more vigorous than the average of the chronic insane. The opposite is more likely true. If our patients are fairly representative of the great body of the chronic insane, then we must conclude that the decreasing death rate is a very important causative factor in the accumulation of the insane. That the span of human life is increasing in the community the tables of the actuaries would seem to show. The average length of life among the inmates of institutions has probably increased in even greater ratio. There is every reason to believe that the better housing and care given to the insane in this community are very important factors in causing their accumulation.

It can be readily seen that the character of the new patients admitted has an important bearing on the comfort and welfare of the whole hospital community. The general physical condition of the persons admitted during the year has been fairly good. When we come to consider mental conditions, however, the situation is far from encouraging. In nearly all the cases there is, along with the perversion, some dulling of intelligence. In more than two-thirds of all the cases admitted during the past year dementia masked most other mental symptoms. The hospitals receive the failures of the community and the asylum receives the failures of the hospitals. From such material our results are to be obtained, and it is to this task that we must address ourselves.

The asylum, to do good work, depends upon its tools as a means of obtaining results, just as surely as does the artisan, and if its tools are unfit just so surely does the product of its work deteriorate. During the past year applications for employment here have been numerous. From this number, however, it has often been difficult to select proper material, and a shortage of help has sometimes existed along with an abundance of applications. It has ordinarily been more easy to secure competent female nurses than male. For the past year the usual situation has been reversed. Male applicants have been more abundant, of somewhat better character than usual and have remained a little longer in the service. While for some years a training school for female nurses has been maintained here, membership in this school has been optional. With the beginning of the new school vear all female nurses were required to take the training. This change caused several nurses to leave the service, either because they did not care to enter the school, or felt that their preliminary education was not sufficient to enable them to profitably take up a new course of study. Wherever these persons seemed desirable employees an attempt was made to retain them in some other branch of the service, usually, however, with indifferent success. Female employees entering the nursing service under the present conditions, though less in number, are of a more satisfactory class. The present requirements tend towards the elimination of the hospital "rounder," from whom the least that you demand is always a little more than the most that you can get. The general ward service is tending towards a higher and more satisfactory level. Despite the changes in requirements, the average stay of the female nurse has been longer than in the previous year. The work of caring for the insane is, from its nature, a difficult one. The patients, as a rule, do not recognize the necessity for detention or treatment; held against their will, they cannot distinguish between a hospital and a prison. They are dominated by their delusions. They misunderstand the efforts that are made in their behalf, and do not co-operate with those attempting to care for them. The step from a conflict of views to a physical conflict may be precipitated by a thoughtless word or an injudicious act. How necessary it is, then, that we should have persons of intelligence and a high conception of duty to assist in this work, and how difficult it is to find them.

The institution owes it to its patients, and to its employees as

well, to make every reasonable effort to stem the tide of change which all too rapidly rotates the number of its employees. Hours of labor have been lessened; wages have been increased; more satisfactory quarters have been provided; the general conditions of living have been improved. There has not yet been that immediate response to these betterments which had been hoped for. These efforts, together with an education to higher ideals, must, in time, favorably influence the character of those having the immediate care of the insane.

It has long seemed to me that the asylum should come closer to the relatives and friends of its unfortunate inmates. An effort is being made in this institution to more fully acquaint the friends with the occurrences and accidents of hospital life. Serious illness has always been reported. Experience has shown that a constitution weakened by the ravages of mental disease has a lessened power of resistance to physical disease, and that illness of apparently trivial nature sometimes eventuates badly. Friends of patients are now notified of the more ordinary forms of indisposition, and particularly of accidents or injuries. Possibly this custom may, in some cases, occasion unnecessary alarm, but in its general results it is more satisfactory to the friends and to the institution management. The volunteering of information and the perfectly open conduct of institutions should do much to remove from the public mind that measure of distrust which has sometimes obtained in the past.

No work of reconstruction has been undertaken at the parent institution in Worcester, and no special appropriation is sought for use there the coming year. At the Grafton colony there has been considerable activity in the construction of new buildings and in general development. The service building at the group for excitable women has been occupied. It provides kitchen and dining facilities for 400 patients and the necessary employees. It relieves all present overcrowding, and can provide for some further increase in numbers.

One cottage for employees has been finished and is already occupied. Two others are nearing completion and will soon be ready for use.

Our large filter beds have been completed and will soon be caring for practically all of the sewage of the institution. These beds have been constructed from plans approved by the State Board of Health, and all work has been done under the supervision of a competent engineer. Every effort has been made to have these beds as efficient as possible, and it is believed that their operation will be satisfactory.

The Legislature of last year authorized the erection at the colony of two buildings for quiet patients and an addition to the farmhouse at the No. 1 colony. Work on these buildings has

begun and will be continued during the winter.

In all of the work of the institution much valuable assistance has been given by the labor of patients. This has not only been a source of profit to the institution, but has been a most important element in the treatment of the unfortunates who have been entrusted to our care. The men have worked on the farm, built roads, assisted in the construction of our sewage-disposal system, in the erection of new buildings, and have taken a vigorous part in all of our colony operations. Each year a considerable acreage has been added to our tillage lands. The number of our working men has been added to every year, largely by the industrial education of those formerly unemployed.

Last year a beginning was made in the effort to interest the women patients in out-of-door work. It was thought, at first, that the field of operation might be somewhat limited. It has been found, however, that it is not necessary to find special work for women. Wherever there is work for men there is work for women. The women have solved this question for themselves by undertaking the care and cleaning up of our grounds and in the lighter farm operations. They have done filling and grading, and have become quite expert in the digging out and removal of rocks. This crew is recruited from the noisy and excitable, for whom no really suitable occupation has hitherto been found. Some have become interested in this work who have before resisted all efforts at employment.

The time has already been reached when the number of patients at the colony is in excess of that at the asylum. From now on the asylum is the lesser unit in our organization. The continued increase in the visible numbers of the insane in the Commonwealth necessitates annual provision for additional accommodation. To assist in caring for a part of this increase new buildings are needed

at the Grafton colony, for the care of patients. I respectfully recommend to your Board that an appropriation of \$40,000 be sought from the Legislature for the erection and furnishing of one building for 50 men and one building for 50 women. It is proposed to erect these buildings for the quieter class of cases, and to follow the plan of the two buildings now under construction.

In the expansion of the institution it has again become necessary to provide additional accommodation for employees. I recommend that your Board ask the coming Legislature for an appropriation of \$29,300 to provide for the erection and furnishing of a nurses' home for female nurses at the Grafton colony. Although this building is designed entirely for nurses, its occupancy will release for patients many rooms now occupied by employees.

Up to the present time the general supplies for the colony have been distributed from the storerooms of the asylum in Worcester. The time is now here when a storehouse should be provided at the colony. I recommend that your Board ask for an appropriation of \$17,100 for the erection of a storehouse at the railroad side track. This building is planned to be constructed of brick and concrete, the general arrangement being such that at some later date a refrigerating plant may be installed there to meet such needs as may be demonstrated.

The Elms is the largest building for the care of men at the Grafton colony. This building is heated from a boiler in a detached building. This boiler also furnishes heat for a cottage near by, and will soon be connected with the whole No. 1 group of buildings as well. This plant is well situated to supply heat for a general group of buildings, which might surround it. This heating plant now consists of one 150 horse-power boiler. The capacity of this boiler has not yet been exceeded, though subject to increasing demands, but no reserve exists upon which we could call should it become necessary to make repairs. Failure of service here, in the winter season, might occasion serious suffering. I recommend that your Board ask for an appropriation of \$2,000 for the purchase and erection of an additional steam boiler for this plant.

The experience of other institutions has demonstrated that hydrotherapy can do much for the relief of mental disease. The installation of suitable hydrotherapeutic apparatus at the Grafton colony would greatly assist in carrying on the medical work there. To provide proper equipment for this purpose, to prepare the room and to properly install the apparatus, I recommend that an appropriation of \$2,400 be asked for.

I wish to express my personal regret at the withdrawal of Miss Lincoln from your Board. All connected with the institution will miss her active interest and assistance.

We shall all miss the pleasant association with Dr. Albert Wood, who for so many years served this institution as treasurer, and who resigned his position during the past year.

Several changes have occurred in the official staff. Dr. H. L. Stick, who was granted special leave of absence by your Board, is now in Europe devoting himself to travel and study. It is expected that he will return to his duties some time next summer. Dr. W. T. Bailey resigned his position, expecting to engage in general practice in the community. Drs. R. A. Greene and J. H. Ranney have been secured to fill the vacancies thus created.

I wish to again thank your Board for the courtesy and consideration which you have always shown me.

As in past years the Hospital Newspaper Society has sent us a generous supply of books and papers. The Worcester Employment Society has done a large amount of sewing. The "Worcester Evening Gazette" has again contributed a copy of their paper.

E. V. SCRIBNER,

Superintendent.

OFFICERS AND THEIR SALARIES.

${\tt Ernest\ V.\ Scribner,\ M.D.,\ Superintendent\ and\ Treasurer,}$	\$3,000 00
H. Louis Stick, M.D., Assistant Physician,	1,600 00
ARTHUR E. PATTRELL, M.D., Assistant Physician,	1,200 00
B. Henry Mason, M.D., Assistant Physician,	1,200 00
RANSOM A. GREENE, M.D., Assistant Physician,	1,000 00
Jonathan H. Ranney, M.D., Assistant Physician,	800 00
Frederick H. Baker, M.D., Pathologist,	100 00
Abbie S. Fay, Matron,	800 00
George L. Clarke, Examiner,	50 00
Susie G. Warren, Clerk,	900 00
Forest A. Slater, Engineer,	1,000 00

VALUE OF STOCK AND SUPPLIES

DEC. 1, 1910.

Food: —												
Prov	isions and	l gro	cerie	s,								\$7,022 47
Clothing	and cloth	ing n	nate	rial:								
Und	stributed	,										4,558 19
Dist	ributed,		. •	į.								9,223 76
Furnishir												
Und	stributed	,										2,731 83
Inma	tes' depa	$_{ m rtme}$	nt,									30,745 25
	estic dep				-							11,703 79
Personal	property	of St	ate i	n suj	perin	tend	ent's	dep	artn	nent,		6,760 46
Heat, ligh	nt and po	wer:	_									
Fuel												6,648 05
Sund	ries, .											209 00
Repairs a	nd impro	veme	nts:	_								
Mac	ninery and	d me	chan	ical	fixtu	res,						42,837 80
Misc	ellaneous,											11,245 03
Farm:—												
Prod	uce of far	m on	han	ıd,								5,228 33
Live	stock,											17,880 50
Misc	ellaneous,											11,535 76
Miscellan	eous:—											
Libra	ary, .											1,465 00
Hosp	ital suppl	ies,										1,250 44
Sund	ries, .											$656\ 49$
											8	171,702 15
											φ	111,102 10

TREASURER'S REPORT.

To the Trustees of the Worcester State Hospital, acting for the Worcester State Asylum.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1910:—

Balance Dec. 1, 1909, .	Case.	· Ac	coun	r. •				\$1.736	41
	I	Recei	pts.						
$Institution \ Receipts.$									
Board of inmates: — Reimbursements, .					;	7,659	12		
Salaries, wages and labor: —									
Wages not called for, .						26	50		
Sales: —									
Food,			\$63	24					
Clothing and materials,			292	54					
Repairs and improvements,			42						
Miscellaneous,			160	65					
	-					558	91		
Fig. 4.11.									
Farm, stable and grounds: — Cows and calves,			8749	00					
Hides.	•		76						
IIIdes,	٠ _		70			825	33		
						0_0	•		
Miscellaneous receipts: —									
Interest on bank balances,			\$115	37					
Sundries,			22	62					
	-			_		137	99		
								9,207	85
Receipts from Treasury of	Come	mome	noa7#h						
		пони	veaun.						
Maintenance appropriations: — Balance of 1909,						11,239	0=		
Balance of 1909, Advance money (amount or		· No.	· ·	20)		15,000			
Approved schedules of 1910		1110	v CIII DE	1 00),		28,591			
rapproved conceans of 1910	',	•	•	•		20,001		254,830	73
Special appropriations, .								57,491	
Total,								\$323,266	54

		Pay	men	ts.				
To treasury of Commonwealth,	instit	ution	rec	eipts,	\$9,207	85		
Maintenance appropriations: -								
Balance November schedul		9,			13,182	01		
Eleven months' schedules,					228,591			
November advances, .					10,115			
,							\$261,096	24
Special appropriations: —								-
Approved schedules (\$57,4	01 55	lace	oda	707000	of Novemb	or		
1909, \$205.95), .	91.00				or ivoveing	er,	57,285	60
1909, #200.90), .	•	•	٠	•		•	91,209	00
D.1 37 00 1010								
Balance Nov. 30, 1910: —								
In bank,			•	•	\$4,567			
In office,	•	•	•	•	317	28		
							4,884	70
Total,	•	•	•	•		•	\$323,266	54
	7./	LAINT	TOTAL A	MOR				
Appropriation,	IV.	LAINT	ENA	NCE.			\$251,500	00
Expenses (as analyzed below),	•	•	•	•		•	251,320	
Expenses (as analyzed below),	•	•	•	•		•	231,320	42
Polones poventing to trace		C					9170	=0
Balance reverting to treasu	ry or	Comi	поп	weartin,	• •	•	\$179	90
	Ano	alusis	of I	Expense	28.			
Salaries, wages and labor: -	11700	x v g c t c	0, 1	2w porto.				
General administration,					\$30,525	30		
Medical service,	•	•	•	•	8,935			
Ward service (male), .	•	•	•	•	18,338			
	:	•	•	•	17,525			
Repairs and improvements,		:	•	•	13,604			
Farm, stable and grounds,				•	15,769			
raini, stable and grounds,	•	•	•	•	10,709	94	9104 609	00
Food: —						_	\$104,698	00
					611 950	09		
	•	•	•	•	\$11,259			
Beans,	•	•	٠	•	1,174			
Bread and crackers, .	•	•	•	•	640			
Cereals, rice, meal, etc.,	•	•	•	•	949			
Cheese,	•	•	•	•	770			
Eggs,	•		•	•	1,922			
Flour,	•	•	٠	•	9,783			
risn,	•	•	•		2,018			
Fruit (dried and fresh),	•	•	•	•	2,507			
	•	•	•		18,522			
					1,914			
Molasses and syrup, .			٠		292			
Sugar,					3,288			
Tea, coffee, broma and cocc	a,				1,488			
Vegetables,					3,643			
Sundries,					1,950	16		
						_	62,127	78
								_
Amount carried forward,							\$166,825	86

Amount brought forward,						\$166,825 86
OL (II)						
Clothing and materials: — Boots, shoes and rubbers,					\$1,662 79	
Clothing,	•	•	•	•	7,490 14	
Dry goods for clothing and	· cmol	1 wor	•	•	2,356 29	
Furnishing goods, .	эша	1 Wai	co,	•	14 40	
Hats and caps,	•	•	•	•	86 61	
Leather and shoe findings,	•		•	•	117 06	
Sundries,		•	•	•	148 36	
Sunuries,	•	•	•	•	140 00	
Furnishings: —						•
70 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	etc				\$5,692 32	2
Beds, bedding, table linen, Brushes, brooms, Carpets, rugs, etc					826 26	
Carpets, rugs, etc., .					281 05	
Crockery, glassware, cutler					692 33	
Furniture and upholstery,					258 27	,
Kitchen furnishings, .					880 02	2
Wooden ware, buckets, pail	s, etc	3			97 18	3
Sundries,					1,787 11	
						10,514 54
Heat, light and power: —						
Coal,					\$19,967 85	5
Freight on coal,					2,089 82	2
Gas,					9 92	2
Oil,					293 59)
Sundries,					1,074 85	
						- 23,436 03
Repairs and improvements: —						
Brick,					\$28 78	
Cement, lime and plaster,				•	257 3	
Doors, sashes, etc., .			•	•	18 00	
Electrical work and supplie	s,			•	384 08	
Hardware, Lumber,					1,599 51	
Lumber,		•		•	2,135 32	
Machinery, etc., . Paints, oil, glass, etc., .		•	•	•	55 00	
Paints, oil, glass, etc., .					2,313 33	
Plumbing, steam fitting and					1,134 09	
Roofing and materials,				•	25 70	
Sundries,	•	•	•	•	1,474 75	
						9,425 84
Farm, stable and grounds: —						
Blacksmith and supplies, Carriages, wagons, etc., and		. •			\$535 29	
Carriages, wagons, etc., and	l repa	airs,	•	•	638 67	
Fertilizers, vines, seeds, etc	• ,				2,883 69	
Hay, grain, etc., .	•		•	•	9,872 66	
Harnesses and repairs, .		•	•	•	211 22	
Horses,	•	•		•	865 00	
Cows,	•	•	•	•	910 00	
Other live stock, .	•	٠		•	31 07	
Tools, farm machines, etc.,				•	200 40	
Sundries,	•	٠	•	•	1,286 70	17,434 70
						TI,TOT 10

Amount brought forward,		\$239,512 62
Miscellaneous: —		
Books, periodicals, etc.,	\$399 28	
Chapel services and entertainments,	799 30	
Freight, expressage and transportation,	1,769 66	
Funeral expenses,	204 00	
Hose, etc.,	92 10	
Ice,	19 70	
Medicines and hospital supplies,	1,616 53	
Medical attendance, nurses, etc. (extra), .	35 00	
Postage,	230 88	
Printing and printing supplies,	111 90	
Return of runaways,	40 35	
Soap and laundry supplies,	2,088 63	
Stationery and office supplies,	523 34	
Travel and expenses (officials),	197 56	
Telephone and telegraph,	592 55	
Tobacco,	680 48	
Water.	1,472 02	
Sundries,	934 52	
		11,807 80
Total expenses for maintenance,		\$251,320 42
SPECIAL APPROPRIATIONS.		
Balance Dec. 1, 1909,		\$55,497 72
Appropriations for fiscal year,		51,700 00
m , 1		0105105 50
Total,		\$107,197 72
Expended during the year (see statement annexed),	\$57,491 55	
Reverting to treasury of Commonwealth,	21 52	
		57,513 07
	21 02	57,513 07
Balance November 30, 1910,	21 02	57,513 07 \$49,684 65
Balance November 30, 1910,		
Resources and Liabilities.		
Resources and Liabilities. $Resources$.		
RESOURCES AND LIABILITIES. **Resources.** Cash on hand,	\$4,884 70	
Resources and Liabilities. Resources. Cash on hand,	\$4,884 70	
Resources and Liabilities. Resources. Cash on hand,	\$4,884 70 10,115 30	
RESOURCES AND LIABILITIES. Resources. Cash on hand, November cash vouchers (paid from advance money), Due from treasury of Commonwealth account November, 1910, schedule,	\$4,884 70 10,115 30	\$49,684 65
Resources and Liabilities. Resources. Cash on hand,	\$4,884 70 10,115 30	\$49,684 65

Special Appropriations.

Овлест.	Act or Resolve.	Whole Amount.	Expended during Fiscal Year.	Expended to Date.	Balance at End of Year.
Building for 60 women, Silos and extending electric service, Dining room and service building, Houses for employees, Sewage disposal, Repairs and waiting stations, Water supply, New boilers, Additions and alterations at Grafton, Two buildings for 50 patients each,	 Acts 1908, chap. 146 Acts 1908, chap. 146 Acts 1909, chap. 522 Acts 1910, chap. 522 Acts 1910, chap. 78 Acts 1910, chap. 78 Acts 1910, chap. 125	\$50,000 00 35,000 00 18,000 00 7,000 00 3,500 00 12,500 00 2,000 00 40,000 00	\$2,102 56 662 98 21,334 71 10,308 06 6,186 94 6,186 94 5,048 79 1,400 00 4,010 92 5,782 66	\$47,889 19 2,399 79 32,213 90 12,147 11 6,986 94 3,104 43 12,356 33 1,400 00 4,010 92 5,782 66	\$8 251 21786 10 5,852 89 13 061 395 57 143 67 600 00 5,689 08 34,217 34
Total,		\$180,100 00	\$57,491 55	\$57,491 55 \$128,291 27	\$49,684 65

1 Reverting to Treasury of the Commonwealth.

E. V. SCRIBNER, Respectfully submitted,

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

WARREN A. MERRILL,

Assistant Supervisor of Accounts.

Treasurer.

INMATES' FUND.

Cash on hand Dec. 1, 1909, .							\$3,278 83
Received from inmates, .					\$	624 02	
Interest, national bank,						$20\ 77$	
Interest, savings bank,						$44\ 00$	
							688 79
							\$3,967 62
Cash refunded patients, .	٠		٠	•			566 98
Balance (savings bank, \$2,200); n	ation	al l	oank,	\$1,1	.17.83;	
drawer, \$82.81),			٠				\$3,400 64

WORCESTER, Dec. 19, 1910.

I hereby certify that I have made a monthly examination of all bills and pay rolls representing the current expenses of the Worcester State Asylum for the year ending Nov. 30, 1910 (\$251,320.42), and have found them properly scheduled and correctly cast.

I also find in the hands of the treasurer \$3,400.64 belonging to patients.

GEORGE L. CLARK,

Examiner.



STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]



STATISTICAL TABLES.

1. — General Statistics of the Year.

		Insane.	
	Males.	Females.	Totals.
Patients in asylum Oct. 1, 1909,	544	584	1,128
Admitted within the year,	6	60	66
Viz.: by transfer,	3	58	61
from visit,	2	_	$\frac{2}{3}$
from visit, nominally,	1	2	3
Whole number of cases in year,	550	644	1,194
Dismissed within the year,	42	51	93
Discharged,	3	4	7
Discharged,			
asylum,	_	_	_
asylum,	_	2	2
as improved,	2	2	$\begin{smallmatrix}2\\4\\1\end{smallmatrix}$
as not improved,	1	_	1
Died,	29	34	63
Died,	3	10	13
Escaped.	3	_	3
On visit Oct. 1, 1910,	4	3	7
Patients remaining Sept. 30, 1910,	508	593	1,101
Viz.: supported as State patients,	493	580	1,073
as private patients,	-	_	· -
as reimbursing patients, .	15	13	28
Number of different persons within the year,	549	642	1,191
Number of different persons admitted,	5	58	63
Number of different persons dismissed,	41	49	90
Number of different persons recovered,	_	_	_
Number of different persons discharged, ca-			
pable of self-support,	_	2	2
Daily average number of patients,	523.42	605.84	1,129.26
Viz.: State patients	503.05	579.97	1,083.02
private patients,	-	_	-
reimbursing patients,	20.37	25.87	46.24

2. — Received on First and Subsequent Admissions.

MIMBER OF ARM	FEGGT	O 3.10	,		CA	SES ADMITTE	D.
NUMBER OF ADM	11881	.ON	5.		Males.	Females.	Totals.
First (to this asylum), .					2	57	59
Second (to this asylum),					1	1	2
Third (to this asylum), .					-	-	-
Total cases,					3	58	61
Total persons,					3	58	61

3. — Ages of Insane at First Attack and Death.

				Dı	ED.		
		AT 1	FIRST ATT	ACK.	AT T	ME OF DE	EATH.
		Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, 15 years and less,		2 1	$\frac{1}{2}$	3	-	-	_
From 15 to 20 years, . 20 to 25 years, .		_	- 5	7	_	1 1	1 1
25 to 30 years, . 30 to 35 years, .		$\begin{array}{c} 2\\3\\2\\4\end{array}$	3	5	$\frac{2}{2}$	2	4 3 7
35 to 40 years, . 40 to 50 years, . 50 to 60 years, .	•	$\begin{array}{c} 4\\4\\1\end{array}$	2 1 2 3	6 5 3	4 5 7	3 5 4	10 11
60 to 70 years,		2	3 1	3 5 1	5 -	8 7	13 7
Over 80 years, Unknown,		$\frac{2}{6}$	13	$\begin{array}{c} 2 \\ 19 \end{array}$	4 -	2 -	6 -
Totals,		29	34	63	29	34	63
Total persons, .		29	34	63	29	34	63
Mean known ages (in years	3),	36.86	35.52	36.22	52.55	55.58	54.19

4. - Form of Mental Disease in Patients admitted or discharged, with their Condition on Discharge, or Death.

r.			[44101-1-10000-4]]]	1
-	ATHS	Totals.	-	46
Towar	DISCHARGES AND DEATHS.	Females.	11001004110-1-00111	88
	ANI	Males.	14-11000-1-0001-111	18
		Totals.	1400100011000044111	41
	DIED.	Females.	1 1 60 1 60 60 1 1 60 41 1 4 60 1 1 1	36
		Males.	14-11-011-001-111	15
	9	Totals.	111111-1111111111	-
	NOT	Females.	11111111111111111	1
	IMI	Males.	111111001111111111	-
	D.	Totals.	Hellelellillill	00
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RGED	IMI	Males.	111110101111111111	2
DISCHARGED	OF DRT.	Totals.	111111411111111	-
	CAPABLE OF SELF-SUPPORT	Females.	111111111111111111111111111111111111111	-
	CAP.	Males.	1111111111111111	1
	.g	Totals.		1
	RECOVERED	Females.		1
	REC	Males.	11111111111111111	1
	Ď.	Totals.	181888811119111	38
	Арміттер.	Females.	100000000000000000000000000000000000000	38
	Aυ	Males.	111111111111111	1
		FORM OF DISEASE.	A.— First admitted to any hospital when received by institution from which transferred:— Alcoholic insanity, etheroit. Chronic delusional insanity, Climoteter insanity, Climoteter insanity, Constitutional inferiority with dementia, Dementia, primary, estatonic form, Dementia, sonile, Consential primary, Colored form, Colored form	Totals A,

4. — Form of Mental Discease in Patients admitted or discharged, with their Condition on Discharge, or Death — Concluded.

	TOTAL	DISCHARGES AND DEATHS.	Females.	1-0-4	10 24	38 70	38 70
	H	DISC	Males.	11440114044101	14	32	32
			Totals.	1100-41-000100	22	63	83
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			Males.	11440114044101	14	29	29
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		IM	Males.		1	7	-
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	0.	IMPROVED	Females.	191111111111	-	2	67
	DISCHARGED.	IM	Males.	1111111111111	1	23	23
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		CAPABLE OF SELY-SUPPORT	Females.	111110011111111	-	23	2
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		RECOVERED	Females.		1	1	1
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		ED.	Totals.	[10] [10] [14 10]	23	61	19
		ADMITTED	Females.	100 100 111 110 4 101	20	58	28
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3			FORM OF DISEASE.	Il other admissions:— Alcobolic insantity, entonic, Chronic delissional insantity, Dementia, chronic, Dementia, primary, Dementia, primary, helephermic form, Dementia, primary, helephermic form, Dementia, primary, helephermic form, Dementia, soriale, Ceneral primary, paranoid form, Dementia, sonile, Ceneral privasis, Ceneral privasis, Imberile,	B,		
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1				— All other admissions: — Alcoholic insanity, so Dementia, primary, b Dementia, sonito,	H	te cas	te per
-				N I		Aggregate cases,	Aggregate persons,
				l m²		Ą	Ā

5. — Discharges of the Insane, classified by Admission and Results, and Deaths.

	Totals.	69	-	1	20	46
TOTALS.	Females.	88	1	1	38	28
	Males.	31	1	1	32	18
	Totals.	62	-	1	63	41
DIED.	Females.	34	1	1	34	26
	Males.	28	Н	1	29	15
	Totals.	-	1	1	-	H
Nor IMPROVED	Females.	1	1	1	1	1
IM	Males.	-	1	1	1	-
	Totals.	4	1	1	4	က
IMPROVED.	Females.	2	1	1	2	Н
Iwi	Males.	2	1	1	2	67
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CAPABLE OF SELF-SUPPORT.	Females.	2	I	1	[2]	-
CAP	Males.	1	1	1	1	1
i	Totals.	ı	1	1	1	1
RECOVERED.	Females.	ı	1	1	1	1
REC	Males.	1	1	-1	1	1
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6. - Causes of Death and Forms of Mental Disease in Persons who died.

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	DEMENTIA, PRIMARY.	Females.	1.1	11111111	
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	IN-	Totals.	1.1	111111111	111111111111
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ļ	DEL	Males.	1.1	1111111	
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۱	CER	Males.	1.1	111111111	111111-11111
ı	rac rx,	Totals.	1.1	11111111	
ı	ALCOHOLIC INSANITY, ACUTE.	Females.	1.1	11:11:11:1	
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6.—Causes of Death and Forms of Mental Disease in Persons who died — Concluded.

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	IMBECILE.	Females.	1.1	111111111	
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	GENERAL PARESIS.	Females.	1-1	11111111	111111111111111
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7. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

	FI	First admitted to Any Hospital when received by Institution prom which transferred.	TED TO A	ANY HOS.	PITAL WI	ANY HOSPITAL WHEN RECE FROM WHICH TRANSFERRED.	SIVED BY	Institu	TION		ALL	Отнея	ALL OTHER ADMISSIONS.	ONS.	
nojaga	ίσα	DURATION BEFORE ADMISSION.	FORE	HOSPIT	HOSPITAL RESIDENCE.	ENCE.	мног	WHOLE DURATION.	HON.	WHOLE OF ME	WHOLE KNOWN PERIOD OF MENTAL DISEASE.	PERIOD EASE.	WHOLE OF HOSP	WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.	PERIOD IDENCE.
CONTRACT.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	relatoT.
A.—Rerovered:— From 10 to 20 years,	1	t	ı	ı	1	1	1	1	1	1	1	1	1	1	1
Totals,	 -	1	1	1	1		1		-	1			-	1	1
B. — Dieder 1 month, From 1 to 8 months, 1 to 6 months, 2 to 6 months, 2 to 5 years, 2 to 5 years, 2 to 5 years, 2 to 10 years, Totals, Totals, Totals, Totals, Average of known cases (in months),	66 11 11 11 11 11 11 11 11 11 11 11 11 1	88.48 8.48 8.48	29 29 29 112 14 113 113 114 115	1 2 2 2 6 1 15 15 109.26	111 26 2 2 2 2 2 119.53	113 133 133 133 133 14 14 115.78	111 1 1 4 60 70 60 44 1 1 77 77 77 77 77 77 77 77 77 77 77 77	111 14 8 8 9 8 1 18 9 8 8 189 . 8	29 29 41 157.13	111	109.94	100 78 163.20	14 14 163.20	111 122 20 0 0 1 111 111 122 122 141 141 122 123 141 141 123 123 141 141 123	1 1 1 1 4 7 7 8 8 2 2 2 2 441
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